

SPONTANEOUS TUMORS IN RATS BRED IN NURSERIES OF
THE ACADEMY OF MEDICAL SCIENCES USSR, BY
YE. A. IRD, V. P. KONOPLEV, 12 PP.

RUSSIAN, PER, VESTNIK AKADEMII MEDITSINSKIKH
NAUK SSSR, VOL XVII, NO 11, 1962, PP 89-96.

JPRS 17711

SCI - MED

MAR 63

223,928

(NY-7033)

CHANGES IN BLOOD PROTEIN IN ACUTE LEUKEMIA,
BY YE. D. PONOMAREVA, 13 PP.

RUSSIAN, PER, VEST AK MED NAUK SSSR, VOL XVII,
NO 2, 1962, PP 82-89.

JPRS 13645

SCI - MED
MAY 62

193,316

(NY-7119)

EXPERIMENTAL SUBSTANTIATION OF THE APPLICATION
OF CENTRAL CHOLINOLYTICS IN PRACTICAL MEDICINE,
BY P. P. DENISENKO, 30 PP.

RUSSIAN, PRE, VESTNIK AK MEDIT NAUK SSSR,
NO 3, 1962, PP 48-58.

JPRS 14,443

SCI - MED

202,916

JUL 62

JUL 62

202,916

(NY-7062)

PROBLEMS OF PHARMACOLOGICAL PROTECTION AGAINST
RADIATION INJURIES, 23 PP., BY YA. ARBUZOV.

RUSSIAN, PER, VEST AK MED NAUK SSR, VOL XVII,
NO 3, 1962, PP 58-74.

JPRS 13822

SCI - MED
MAY 62

197,347

(NY-7062)

SOME PHYSIOLOGICAL CHANGES IN THE HUMAN BODY DURING
THE COURSE OF ACCLIMATIZATION IN THE INTRACONTINENTAL
REGIONS OF ANTARCTICA, 14 PP. *by Vladimir*

RUSSIAN, PER, VEST AK MED NAUK, VOL XVII, NO 3,
1962, PP 74-82.

JPRS 13822

SCI - MED
MAY 62

157,348

(NY-7062)

SAFEGUARDING HUMAN HEALTH UNDER CONDITIONS OF
THE FAR NORTH, BYP. RUDNEV, I. P. NOVIKOV,
13 PP.

RUSSIAN, PER, VEST AK MED NAUK SSSR, VOL XVII,
NO 3, 1962, PP 83-89.

JPRS 138822

SCI - MED
MAY 62

197,349

Introductory Address of N. N. Blokhin,
President of the Academy of Medical Sciences
USSR, by N. N. Blokhin, # 3 pp.

RUSSIAN, per, Vestnik Akademii Meditsinskikh Nauk
SSSR, N. 4, 1962, pp 5-6.

JPRS 15842

Med.

Ncv 62

PROBLEMS OF THE ACADEMY OF MEDICAL SCIENCES USSR IN
LIGHT OF THE RESOLUTIONS OF THE XXII CONGRESS OF
THE COMMUNIST PARTY USSR, BY N. N. BLOKHIN, 16 PP.

RUSSIAN, PER, VEST. AK. MED. NAUK SSSR, NO 4, 1962,
PP 7-15. 9678226

FTD-TT-62-963

JPR'S 15842

SCI - MED
12 OCT 62

212,814

GENERAL PRINCIPLES OF FORMING PROTECTIVE DEVICES FOR
THE ORGANISM, BY P. K. ANOKHIN, 19 PP.

RUSSIAN, PER, VEST. AK. MED. NAUK SSSR, NO4, 1962,
PP 16-26. 9678226

FTD-TT-62-963

SCI - MED

JPRS 15842

12 OCT 62

212,815

(SF-2318)

ADAPTIVE PROCESSES IN PATHOLOGY, BY
I. V. DAVYDOVSKIY, 15 PP.

RUSSIAN, PER, VEST AK MEDIT NAUK SSSR, NO 4,
1962, PP 27-37.

JPRS 15187

SCI - MEDICINE

SEP 62

210,725

EFFECT OF ENDOCRINAL ADAPTATION FACTOR AND COMPEN-
SATION IN THE GENESIS OF CERTAIN PATHOLOGICAL STATES,
BY V. G. BARONOV, 12 PP.

RUSSIAN, PER, VEST AK MED NAUK SSSR, NO 4, 1962,
PP 38-44. 9678226

FTD-TT-62-963

SCI - MED
12 OCT 62

212,816

(SF-2318)

ADAPTIVE REACTIONS OF THE ORGANISM UNDER
OCCUPATIONAL CONDITIONS, BY A. A. LETAVET,
9 PP.

RUSSIAN, PER, VEST AK MEDIT NAUK SSSR, NO 4,
1962, PP 44-50.

JPRS 15187

SCI - MEDICINE

SEP 62

210,726

(SF-2318)

THE PROTECTOR OF THE ORGANISM FROM HETEROGENIC
GENETIC INFORMATION, BY L. A. ZIL'BER, 10 PP.

RUSSIAN, PER, VEST AK MEDIT NAUK SSSR, NO 4,
1962, PP 50-57.

JPRS 15187

SCI - MEDICINE

SEP 62

210,727

Cytophysiological Mechanisms of Immunogenesis, by
P. F. Zdrodovskiy, 12 pp.

RUSSIAN, per, Vestnik Akademii Meditsinskikh
Nauk SSSR, No 4, 1962, pp 57-65.

JPRS 15842

HEB Med

216,757

Nov 62

Experimental Biology and New Concepts of
Immunogenesis, by N. N. Zhukov-Verezhnikov, I. N.
Mayskiy, et al, 7 pp.

RUSSIAN, per, Vestnik Akademii Meditsinskikh Nauk SSSR,
No 4, 1962, pp 65-70.

JPRS 15842

Med.

Nov 62

71
(907852) 211,750

Resistance of Organisms as a Genetic Problem,
by V. D. Timakov, D. M. Gol'dfarb, et al, 10 pp.

RUSSIAN, per, Vestnik Akademii Meditsinskikh Nauk
SSSR, No 4, 1962, pp. 70-76.

JPRS 15842

Med

Nov 62

216,751

(SF-2318)

THE POSSIBILITY OF PROTECTIVE ADAPTATIONS OF THE
ORGANISM AND LIMITS OF ADAPTATION UNDER CONDITIONS
OF MAXIMUM OVERSTRAIN AND WEIGHTLESSNESS, BY
V. V. PARIN, O. G. GAZENKO, V. I. YAZDOVSKIY,
7 PP.

7 P

RUSSIAN, PER, VEST AK MEDIT NAUK SSSR, NO 4,
1962, PP 76-81.

JPRS 15187

SCI - MEDICINE

SEP 62

210.728

Concluding Remarks on the Scientific Reports, 6 pp.

RUSSIAN, per, Vestnik Akademii Meditsinskikh Nauk
SSSR, No 4, 1962, pp 93-96.

JPRS 15842

Med

216,753

Nov 62

Mechanism of Interaction of Viruses and Cells and
Immunity to Viruses on the Cell Level, by V. M.
Zhdanov, 13 pp. 420/31

RUSSIAN, per. Vest Ak Med Nauk SSSR, No 5, 1962,
pp 5-13.

JPRS 15239

Soc. - Med.

212,740

Oct 62

Specific and Nonspecific Factors in Antivirus
Immunity, by K P. N. Kosyakov, 15 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5,
1962, pp 13-24.

JPRS 15239

Sci - Med

212,741

Oct 62

The Role of the Hypophyseal-Target System in
Immunological and Infection Processes, by
V. I. Mešín, L. P. Kopytovskaya, 12 pp.

RUSSIAN, Sov. Vestnik Ak. Med Nauk SSSR, No 5,
1962, 9550623

24-38, FFD-TT-62-1097

Sci-Biol & Med Sci
May 63

230, 342

Disruptions of Natural Immunity in Irradiated
Animals and Methods of Stimulating It, by
V. L. Troitskiy, 16 pp.

RUSSIAN, per, Vest Ak M Med Nauk SSSR, No 5,
1962, ~~XXXXXXXXXX~~ 9568623

FTD-TT-62-1097

Sci-Biol & Med Sci
May 68

230,843

The Problem of Compensation in Surgery, by
A. A. Vishnevskiy, L. L. Shilt, 7 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5, 1962,
pp 43-47.

JPRS 15239

Sci - Med

212,742

Oct 62

The Influence of Chemotherapeutic Agents on
the Protective Functions of the Organism,
by Kh. Kh. Planel'yev, 11 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5,
1962, ~~SECRET~~ 9668623

FTD-TT-62-1097

Sci-Biol & Med Sci
May 63

230,844

The Role of ~~the~~ Physical Education of Children in
Prophylaxis of Disease, by A. F. Tur, 8 pp.

RUSSIAN, per, Vest Ak Med Nauk BSSR, No 5, 1962,
pp 58-63.

JPRS 15239

2/2, 743

Soc. - Med

Oct 62

Stimulation of the Procreative Functions of
the Organism with Physical Agents, by
A. N. Chibrikov, P. D. Vasilenko, et al, 10 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5,
1963, p. 808-812

FTD-TF-62-1097

Sci-Biol & Med Sci
May 63

230, 845

experience in the Analysis of the Protective Functions of the Body on the Basis of the Concepts of the Theory of Regulation and Of Physiology, by B. I. Al'bertinskiy, G. S. Kan, V. N. EEE Chernigovskiy, 22 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No # 5, 1962, pp 72-187.

JPRS 15239

Sci - Med

212,744

Oct 62

General Adaptive Reactions to the Influence of
Harmful Stimuli Upon the Organism, by I. R.
Petrov, 10 pp.

RUSSELL, per, Vest Ak Med Nauk SSSR, No 5, 1962,
pp 87-93.

JPRS 15239

Sci - Med

Oct 62

111, 931

The Role of Anaerobic and Oxidative Phosphorylation Processes in the Protective Functions of the Organism, by S. Yo. Severin, 15 pp.

RUSSIAN, per. Vest Ak Med Nauk SSSR, No 5, 1962, .
9668623

FTD-TT-62-1097

Sci-Biol & Med Sci
May 63

230,838

Morphologic Manifestations of Protective
Functions of the Body in Σ Infectious
Diseases, by M. V. Voyno-Yasenetskiy, 11 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5,
1962, pp 102-103.

JPRS 15239

Sci. - Med
Oct 62

211, 938

The Biological Factors in Resistance of Vital
Functions of the Organism to Processes of
Extinction, 9 pp. by G. V. Vygodchikov.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 9, 1962,
Pp 109-115.

JPRS 15235

211, 940

Sci - Med.

Oct 62

The Work of the Bureau of the Department of
Hygiene, Microbiology and Epidemiology for 1960-1961
and Problems of Scientific Research Institutions of the
Department in the Light of the Resolutions of the
Twenty-Second Congress of the CPSU, by G. V.
Vygodskiy, 7 pp.

RUSSIAN, per: Vest Ak Med Nauk SSSR, No 5, 1962,
pp 115-121.

JPRS 1962

301, 94.

Sci - Med

Oct 62

The Work of the Bureau of the Department of
Clinical Medicine for 1960-1961, and Problems
of Scientific Research Institutions of the Department in
in the Light of the Resolutions of the Twenty-
Second Congress of the CPSU, by V. Kh. Vasilenko,
7 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5, 1962,
pp 123-125.

JPRS 15239

Sci. Med.

211, 942

Oct 62

The Work of the Bureau of the Department of
Medico-Biological Sciences in 1960-1961 and the
Problems of Scientific Research Institutions of
the Department in the Light of the Resolutions
of the Twenty-Second Congress of the CPSU,
by N. A. Krayevskiy, 7 pp.

RUSSIAN, per: Vest Ak Med Nauk SSSR, No 5, 1962,
pp 128-130.

JPRS 15239

Sci - Med

212,745

Oct 62

Resolution of the General Meeting of the Academy
of Medical Sciences USSR on the Problem "Pro-
tective Functions of the Organism" Dated 20 Feb 1962,
5 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, No 5, 1962,
pp 142-145.

JPRS 15239

Sol - Med

Oct 62

212, 746

The Eighth International Anti-Cancer
Congress and Soviet Oncology, 6 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR,
Vol XVII, No 6, 1962, pp 3-6.

JPRS 115445

Sci. - Med
Oct 62

212,469

The Reciprocal Relations Between Precancerous
Changes and Reactive Proliferation(1), by
Yu. M. Vasil'yev, V. I. Gol'shteyn, 15 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR,
Vol XVII, No 6, 1962, pp 7-16.

JPRS 15445

CI 65-19024
213,470

Sci. Med.
Oct 62

Timofeevskii, A. D.
TISSUE CULTURE IN THE STUDY OF SOME ON-
COLOGICAL PROBLEMS. [1962] [16]p. 30 refs.
FASEB manuscript no. S 358-2.
Order from OTS or SLA \$1.60

63-19027

Trans. of Akademiya Meditsinskikh Nauk SSSR.
Vestnik, 1962, v. 17, no. 6, p. 17-23.

DESCRIPTORS: *Culture media, *Tissues (Biology),
*Cancer, Cells (Biology).

Four trends of research in oncology are reviewed:
(1) the production and study of cell strains from normal
and neoplastic human tissues; (2) virological investi-
gations; (3) malignant transformation of cultivated cells
and tissues; and (4) the study of the antigenic properties
of certain strains of human cells. A new technique for
cultivating cell strains was discussed, and the adapta-
(Biological Sciences--Pathology, JT, v. 10, no. 7)

(over)

63-19027

- I. Timofeevskii, A. D.
- II. FASEB S-358-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Lazarev, N. I.

THEORETICAL ASPECTS OF HORMONAL PROPHYLAXIS OF HORMONALLY INDUCED TUMORS. [1962] [24]p. 16 refs. FASEB manuscript no. S 357-2.

Order from OTS or SLA \$2.60 63-19026

Figs. available on loan from OTS

Trans. of Akademiya Meditsinskikh Nauk SSSR. Vestnik, 1962, v. 17, no. 6, p. 23-35.

DESCRIPTORS: *Hormones, *Tumors, Etiology, Drugs, Endocrine glands, Inhibition.

This is a general outline of the basic principles governing the relationship between the functions of the endocrine glands and how these relationships may be a factor in preventing dys hormonal tumors.

(Biological Sciences--Pathology, TT, v. 10, no. 6)

63-19026

- I. Lazarev, N. I.
- II. FASEB S-357-2
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Experimental Basis of the Chemotherapy of
Malignant Tumors of the Extremities by the
Method of Regional Perfusion, by N. N.
Trapeznikov, I. A. Avdeyeva, 10 pp.

RUSSIAN, per, Vest Ak Med Nauk USSR,
Vol. XVII, No 6, 1962, pp 67-72.

JPRS 19445

Sci - Med
Oct 62

212,471

Mental Changes After Brief Clinical Death,
by V. V. Kovaliev, 13 pp.

RUSSIAN, per, Vest Ak N Med Nauk SSSR,
No 7, 1962, pp 17-22.

JPRS 15270

Sol - Med.

Oct 62

212, 594

(S-651/62)

Electromyography in Modern Anesthesiology, by
V. A. Kovanev, Ya. M. Khmelevskiy, ✖ (DC-8105)

RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XVII, 1580.
No 8, 1962, pp 3-10.

JPRS 15931

Sci - Med
18 Sept 62

Marshak, M. E.
MATERIALS ON THE FUNCTIONAL ORGANIZATION
OF THE RESPIRATORY CENTER. [1962] [18p.
13 refs. FASEB manuscript no. S 116-2.
Order from OYS or SLA \$1.60 63-15992

Trans. of Akademii Meditsinskikh Nauk SSSR.
Vestnik, 1962, v. 17, no. 8, p. 16-22.

DESCRIPTORS: Physiology, *Respiratory system,
Nervous system, Brain, *Hypoxia, Oxygen consumption,
*Hypercapnia, *Sensory mechanisms, Carbon dioxide,
Oxygen poisoning.

Experimental data on the laws that govern the structure
and functional activities of the respiratory center are
presented. Electrical recordings of the activity of the
respiratory muscles and nerves of cats and human
subjects during hypoxia, hypercapnia and hyperventi-
lation were made. (To obtain satisfactory recordings,
(Biological Sciences--Physiology, TT, v. 10, no. 6)
(over)

63-15992

- I. Marshak, M. E.
- II. FASEB S-116-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

XENON ANESTHESIA IN MAN, BY L. N. BUACHIDZE,
V. P. SMOL'NIKOV, 3 PP

RUSSIAN, PER, VESTNIK AKADEMII MEDITSINSKIKH NAUK
SSR, VOL XVII, NO 8, 1962, PP 22

JPRS 15931

SC I ~~A~~-MED
NOV 62

Harkany, I.
EXPERIMENTAL AND CLINICAL INVESTIGATIONS
OF RELAXIL-G. [1962] [20]p. FASEB manuscript
no. S-117-2.

Order from OTS or SLA \$1.60 63-15993

Trans. of Akademiya Meditsinskikh Nauk SSSR,
~~Vestnik~~ 1962, v. 17, no. 8, p. 44-50.

DESCRIPTORS: Drugs, Angiography, *Glycerol ethers,
*Anesthetics, *Hypnotics and sedatives, *Muscle
relaxants, Toxicity, Barbiturates.

The data presented relate to a curare-like substance
known as ML-501, [Reorganin, or Relaxil C] which is
a glyceryl-guaccol ether. The drug was given to both
animal and human subjects. The human subjects studied
consisted of 46 healthy subjects and patients aged 14 to
65 years. They were given 1 to 8g of drug intravenously.
(Biological Sciences--Pharmacology, TT, v. 10, no. 6)
(over)

63-15993

1. Title: Relaxil G.
2. Title: Glyceryl guaccol
ether
- I. Harkany, I.
- II. FASEB S-117-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

BIOCHEMICAL MECHANISMS OF RADIATION SICKNESS,
BY V. M. RODIONOV, 17 PP.

RUSSIAN, PER, VEST AK MED NAUK SSSR, VOL XVII,
NO 9, 1962, PP 48-58.

JPRS 16,772

SCI - MED

JAN 63

218,551

THE PROBLEM OF SCIENTIFICALLY SUBSTANTIATING THE
DEGREE OF EPIDEMIOLOGICAL EFFECTIVENESS OF VARIOUS
VACCINES, BY O. V. BAROYAN, 12 PP.

RUSSIAN, PER, VEST AK MED NAUK, VOL XVII, NO 8 9,
1962, PP 76-84.

JPRS X016772

SCI - MED

JAN 63

218,552

Zaleskii, G. G., Vorob'eva, N. N., Yavorovskaya, V. E., Shurin, S. P., and Balandina, A. M.

FILTRABLE VIRUSES ISOLATED FROM PATIENTS WITH RHEUMATIC FEVER, 1963, 3p

Order from FASEB in Federation Proceedings, 1963, v. 22, no. 5, pt. 2, \$2.00

Trans. of Akademiya Meditsinskikh Nauk SSSR, Vestnik, 1962, v. 17, no. 9, p. 85-193. (Abstract available)

DESCRIPTORS: Viruses, *Rheumatic diseases, Antigen-antibody reactions, *Adenoviruses, *Virus diseases

The spectrum of the tissues in which a cytopathogenic effect results from infection with "R" viruses and the character of the degeneration distinguish "R" viruses from the cytopathogenic viruses of earlier known groups (Biological Sciences, 1963, v. 11, no. 1) (over)

TI 63-17973-5
(p. T806-T813)

- I. Zaleskii, G. G.
- II. Vorob'eva, N. N.
- III. Yavorovskaya, V. E.
- IV. Shurin, S. P.
- V. Balandina, A. M.
- VI. Federation of American Societies for Experimental Biology, Washington, D. C.

Office of Technical Services

S-728/62

Regarding D. L. Ferdman's Book "Biochemistry", by
V. S. Tongur. (NY-7292)

RUSSIAN, per, Vest Ak ~~Nauk~~ Medit Nauk SSSR, ~~Ne~~
Vol XVII, No 9, 1962, pp 94, 95.

*JPRS

Sci - Chem

18 Oct 62

SUMMARY OF SCIENTIFIC RESEARCH IN PEDIATRICS IN 1960
AND 1961 AND FUTURE TASKS IN THE FIELD,
BY .M. YA. STUDENIK~~XX~~ IN, R. A. KALYUZHNYA, 30 PP.

RUSSIAN, PER, VEST AK MEDITSINSKIKH NAUK, NO 10,
1962, PP 3-14.

JPRS 16926

SCI - MED

JAN 63

219,138

Novikov, E. Ch., Farber, D. A. and others.
THE PROMPT DIAGNOSIS AND LOCALIZATION OF
INTRACRANIAL TRAUMA IN NEONATAL IN-
FANTS. [1963] [10]p. FASEB manuscript no. S 399-2.
Order from OTS or SLA \$1.10 63-19362

Trans. of Akademiya Meditsinskikh Nauk SSSR.
Vestnik, 1962, v. 17, no. 10, p. 44-48.

DESCRIPTORS: Diagnosis, *Brain, Shock (Pathology),
*Wounds and Injuries, *Infants, Gynecology,
Neurology, Edema, Spinal cord, Hemorrhage,
Muscles, Electroencephalography, Reaction
(Psychology).

(Biological Sciences--Neurology, TT, v. 10, no. 3)

63-19362

- I. Novikov, E. Ch.
- II. Farber, D. A.
- III. FASEB S-399-2
- IV. Federation of American
Societies for Experimental
Biology, Washington, D.C.

Office of Technical Services

Gradov, M. G. and Sholin, N. I.
THE NUCLEIC ACID CONTENT OF THE BLOOD IN
CHILDREN WITH DISEASES OF THE HEMATO-
POIETIC SYSTEM. 1963 [18]p. FASEB manuscript
no. S 400-2.

Order from OTS of SLA \$1.40

63-19361

Trans. of Akademiya Meditsinskikh Nauk SSSR,
Vestnik, 1962, v. 17, no. 10, p. 52-59.

DESCRIPTORS: *Nucleic acids, Blood, *Children,
*Diseases, *Hemopoietic system, Hemopoiesis,
*Leukemia, Hematology, Leukocytes, Ribonucleic
acids, Desoxyribonucleic acids.

The NA content in the blood of children with acute
myelogenous leukemia was found to range between 0.058
and 22.62 μ g per ml of blood. In most of the cases
studied, the $\frac{PRNA}{DNA}$ ratio was found to exceed unity,

(Biological Sciences - Pathology, TT. v. 10, no. 7)

(over)

63-19361

- I. Gradov, M. G.
- II. Sholin, N. I.
- III. FASEB S-400-2
- IV. Federation of American
Societies for Experimental
Biology, Washington, D.C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Kalyuzhnaya, R. A.

THE ROLE OF INDIVIDUAL REACTIVITY IN THE DEVELOPMENT AND SUBSEQUENT COURSE OF CHRONIC TOXICITY IN CHILDREN. [1963] [23]p. (refs. omitted). FASEB manuscript no. S 401-2. Order from OTS or SLA \$2.60 63-19360

Trans. Akademiya Meditsinskikh Nauk SSSR. Vestnik, 1962, v. 17, no. 10, p. 59-67.

DESCRIPTORS: *Toxicity, *Toxic tolerances, *Children, Reaction (Physiology), Growth, *Diseases, Communicable diseases, Autonomic nervous system, Cholinesterase, Properdin, Heart, *Antigen-antibody reactions, Pathology.

(Biological Sciences--Pathology, TT, v. 10, no. 3)

63-19360

- I. Kalyuzhnaya, R. A.
- II. FASEB S-401-2
- III. Federation of American Societies for Experimental Biology, Washington, D.C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

The Problem of Influenza and
Influenzalike Viral Infections in
Children, by V. D. Soboleva.
RUSSIAN, per, Vest Akad Med Nauk SSSR,
Vol XVII, No 10, 1962, pp 76-88.
NII 1-4-65

Sci-B&M
Aug 65

286,215

CONFERENCES AND MEETINGS -- CONFERENCE ON THE
PROBLEM OF ATHEROSCLEROSIS, BY V. P. SOKOLOVSKIY,
E. G. PARAMONOVA, 6 PP.

RUSSIAN, PER, VEST AK MED NAUK SSR, NO 10,
1962, PP 89-92.

JPRS 16554

SCI - MED

DEC 62

218,000
200,016

Vyasov, O. E., Volkova, L. S., Titova, I. I., and
Murashova, A. I.
HUMERAL RELATIONSHIP BETWEEN MOTHER AND
FETUS IN CLINIC AND EXPERIMENT. 1963, Sp
Order from IASER in Federation Proceedings, 1963,
v. 22, no. 5, p. 2, \$2.00
Trans. of Akademiya Meditsinskikh Nauk SSSR, Vestnik
1962, v. 17, no. 11, p. 23-31.

DESCRIPTORS: *Body fluids, *Pregnancy, *Embryos,
Fetal membranes, *Antigens and antibodies, Blood
groups, Embryology

(Biological Sciences, TT, v. 11, no. 1)

TT-63-17973-5
(p. T964-T968)

- I. Vyasov, O. E.
- II. Volkova, L. S.
- III. Titova, I. I.
- IV. Murashova, A. I.
- V. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.

Office of Technical Services

Il'in, I. V., Persyaninov, L. S., and Sayel'eva,
G. M.

FETAL ELECTROCARDIOGRAPHY IN THE OBSTET-
RICAL CLINIC. [1968] [14p] 11 refs FASEB Manuscript
no. S-93-3.

Order from OTS, SLA or ETC \$1.60 TT-63-23842

Trans. of Akademiya Meditsinskikh Nauk SSSR.
Vestnik, 1962, v. 17, no. 11, p. 36-40.

DESCRIPTORS: *Electrocardiography, *Phonocardi-
ography, *Pregnancy, *Embryos, Heart, Diagnostic
agents, Cardiovascular system.

Fetal electrocardiographs (ECG) and phonocardiograms
(PCG) were recorded for 850 women at various stages
of pregnancy. The changes in fetal cardiac activity
during labor pains were recorded for 57 cases. A
standard ECG at various intervals of pregnancy is de-
(Biological Sciences--Physiology, TT, v. 11, no. 1)

(over)

TT-63-23842

- I. Il'in, I. V.
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- IV. FASEB S-93-3
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mental Biology,
Washington, D. C.
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Office of Technical Services

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NY-7448

On Spontaneous Diseases of Monkeys and Prospects of
Using Them as Models for the More Important Human
Diseases, by B. A. Lapin.

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No 11, 1962, pp 82-89.

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Spontaneous Tumors in Rats Bred in Nurseries of the
Academy of Medical Sciences, USSR, by Ye. A. Ird,
V. P. Konoplev, 26 pp

RUSSIAN; per, Vest Ak Medit Nauk SSSR, Vol XVII,
No 11, 1962, pp 89-96.

*JPRS 17111
OTSSLA 63-22341 (26 pp)

Sci - Med
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NUCLEIC ACID ORGANIZATION IN THE CELL, BY
I. E. ZBARSKIY, 15 PP.

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JPRS 17667

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A. N. BELOZERSKIY, 10 PP.

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NUCLEIC ACIDS AND PROTEIN BIOSYNTHESIS, BY
V. S. TONGUR, 15 PP.

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SSSR, VOL XVII, NO 12, 1962, PP 20-29.

JPRS 17667

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THE PROBLEM OF THE UNIVERSITY OF THE NUCLEIC
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THE ROLE OF NUCLEIC ACIDS IN VIRAL INFECTIONS,
BY A. S. SPIRIN, 5 PP.

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JPRS 17667

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FEB 63

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NUCLEIC ACIDS AND MICROORGANISM VARIABILITY, BY
V. D. TIMAKOV, 6 PP.

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THE SIGNIFICANCE OF MICROBIOLOGICAL OBJECTS
FOR THE STUDY OF PATHOLOGICAL CHANGES IN
GENETIC CODING, BY N. N. ZHUKOV-VEREZHNIKOV,
I. N. Mayskiy, ET AL, 16 PP.

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NAUK SSSR, VOL XVII, NO 12, 1962, PP 49-59.

JPRS #17667*

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S-10/63

Chromosome Organization and Functioning, by
A. Prokof'eva-Bel'govskaya. (SF-2476)

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HEW NIH 6-91-66 (On Loan)

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Scientific - Medicine June 54 CTS/DEX

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1953, pp 34-44.

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Sci - Eng
Sept 58

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(FDD 25402)

The Academy of Sciences of the Kazakh SSR on the Eve
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Sci - Astron, Geophys

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Connection Between the Magnetic and Gravitational
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Alma-Ata, 1956, pp 25-39.

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59-14289

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CONCENTRATES [Tsklonnyi Metod Plaski Mednykh
Konsentratov]. [1959] [21] p. 4 refs.
Order from GTS or SIA \$2.60

59-14289

Trans. of [Akademiya Nauk Kazakhskoi SSR, Alma Ata
Vestnik] 1956 [v. 13] no. 6 [p. 79-88].

DESCRIPTORS: *Cyclone furnaces, Aerodynamics.
*Smelting, *Copper, Fuel consumption, Waste gases,
Sulfuric acid.

The aerodynamic properties of the cyclone principle
make it possible to combine development of the surface
area of the reacting material with increased incandes-
cent gas velocities in relation to the ore particles.
This combination brings about a sharp intensification
of the smelting process. The heat intensity in the
smelting space of the cyclone chamber is many times
(Metallurgy--Nonferrous Metals, TT, v. 8, no. 10)
(over)

I. Tonkonogil, A. V.
II. Department of the Interior,
Washington, D. C.

Office of Technical Services

Experimental Determination of the Speed of
Ice Movement Within a Glacier by Geophysical
Methods, by E. A. Borovinski.

RUSSIAN, per, Vestnik Akad. Nauk Kazakhskoi
SSR, No 12(153), 1957, pp 56-60. 9230903

DRB Canada

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NRC Ref. C-5712

Sci/Earth Sci
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Spectrum Analysis of Some Elements in a Carbon
Dioxide Atmosphere, by D. K. Kalinin, V. L.
Ishchurinov, E. Ye. Pagn.

RUSSIAN, per, Vest Ak Nauk SSSR, Vol XII,
Alma-Ata, 1957, pp 61-69.

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Dept of Interior
TH7, E57, No 227

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Conference on the Problem of Prognostication of
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Jul 51

Experimental Determination of the Speed of
Ice Movement within a Glacier by Geophysical
Methods, by B. A. Borovinski.
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DRB Canada
T 442 R

Sci - ES
May 66

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Kalinin, D. K., Marzouanov, V. I., and Fain, E. L.
SPECTRUM ANALYSIS OF SOME ELEMENTS IN A
CARBON DIOXIDE ATMOSPHERE (Spektral'nyi
Analiz Nekotorykh Elementov v Atmosfere Uglekislogo
Gaza). [1962] [16]p. 5 refs.
Order from OTS for SLA \$1.60

63-19037

Trans. of Akademiya Nauk Kazakhskoi SSR, Alma-Ata.
Vestnik, 1957 [v. 13] no. 12, p. 61-60.

DESCRIPTORS: *Carbon dioxide; Atmosphere;
Electric arc; Excitation; *Spectrographic analysis;
*Controlled atmospheres.

The work investigates the characteristics of arc
discharge in a carbon dioxide atmosphere. The possi-
bility of conducting spectrum analysis of ores and min-
erals in a CO₂ atmosphere is also considered. (Author)

(Physics--Spectroscopy, TT, v. 10, no. 3)

63-19037

- I. Kalinin, D. K.
- II. Marzouanov, V. I.
- III. Fain, E. L.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Dry Farming the the Deserts of Kazakhstan and
Prospects of Further Investigations, by A. M.
Gabbasov.

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3 pp.

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The Mechanism of Mullite and Corundum Dissolving
(Diffusion) In Aluminosilicate Slag, by A. N. Sheshmaitsu,
2 pp.

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The Question of Evaluating Damages Caused by
Limitations in the Supply of Water to Industrial
Enterprises, by I. N. Teplov, 3 pp.

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UEXII

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(1986-H, 1987-H)

Handwritten: 1986-H, 1987-H
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Pavlenkov, 27 pp.

RUSSIAN, per, Vestnik Ak Nauk Kazakhskoy SSR,
No 8, Alma-Ata, 1958, pp 3-9.

JPRS 1311-H

Sci. - Geophysics
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First Results of Ozoneometric Observations During
the IGY, by Sh. A. Beavverkhniy, P. M. Broymann

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IGY 38

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